

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101902.D
 Acq On : 4 Jan 2018 20:22
 Operator : SJ/JU
 Sample : J1012-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-C

Quant Time: Jan 05 01:19:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	117087	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	420441	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	149644	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	263232	20.00	ng	0.00
75) Chrysene-d12	13.96	240	281967	20.00	ng	0.00
86) Perylene-d12	15.43	264	200285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	210944	26.84	ng	0.02
7) Phenol-d6	6.44	99	249105	25.46	ng	0.02
23) Nitrobenzene-d5	7.35	82	147042	19.47	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	28897	20.04	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	221815	22.99	ng	0.00
78) Terphenyl-d14	12.89	244	205670	17.58	ng	0.00

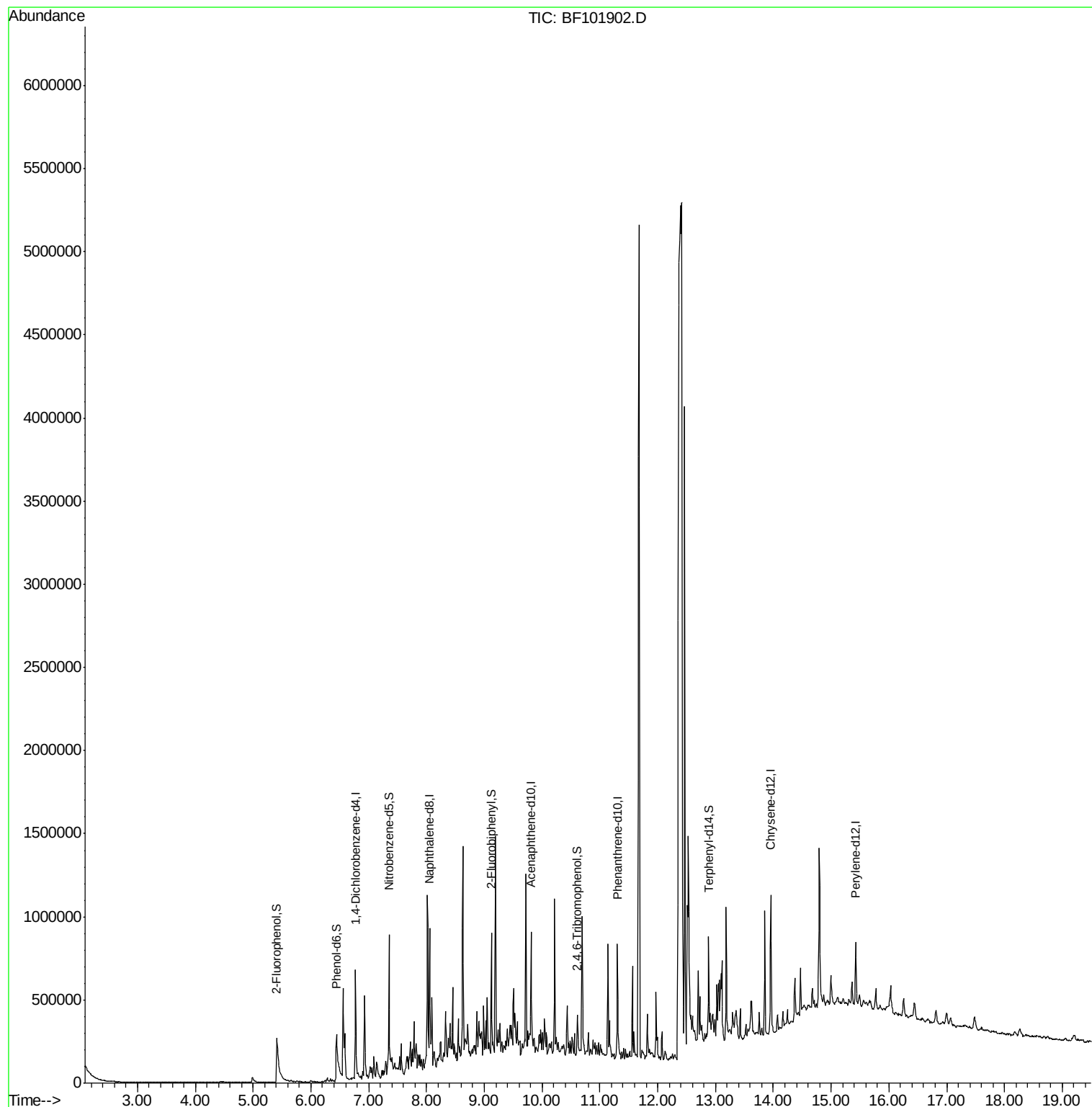
Target Compounds Qvalue

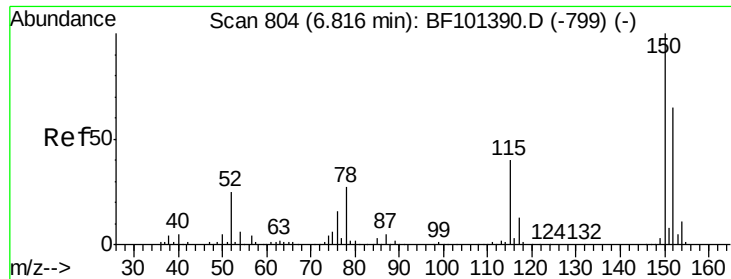
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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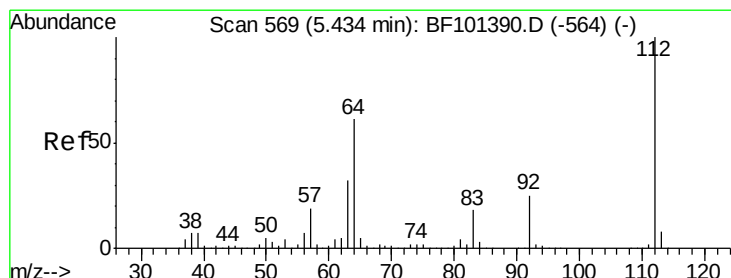
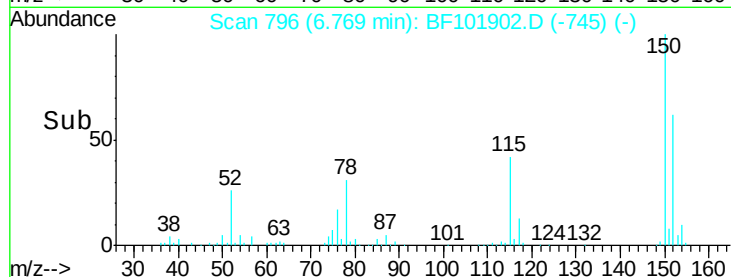
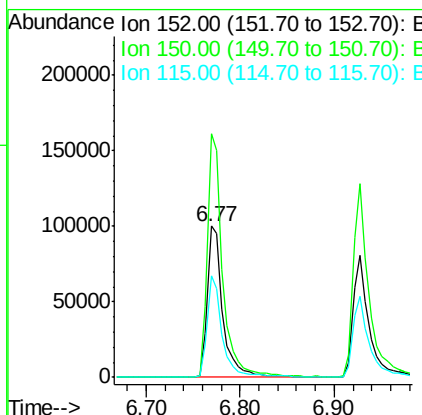
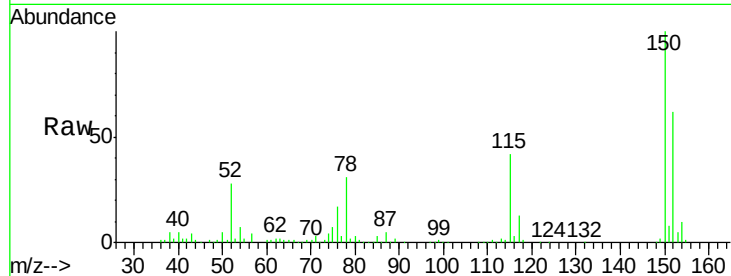


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF101902.D
 Acq: 4 Jan 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-C

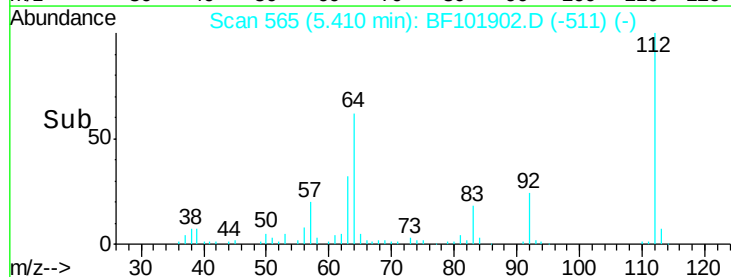
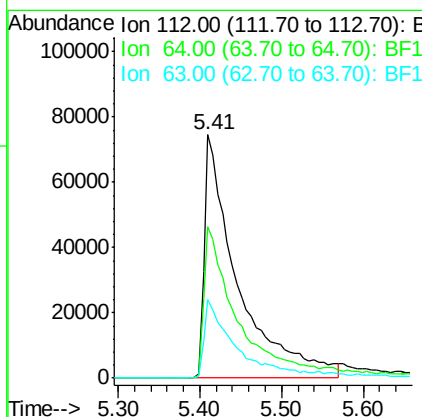
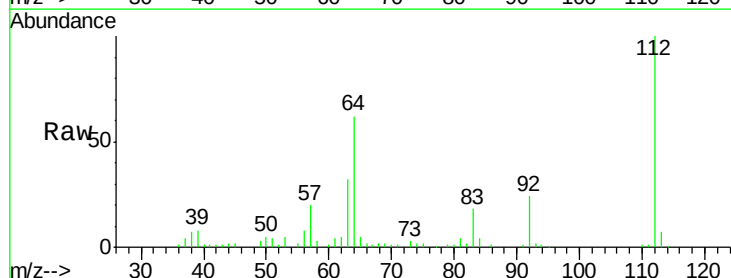
Tot Ion:152 Resp: 117087
 Ion Ratio Lower Upper
 152 100
 150 160.9 124.6 186.8
 115 67.1 50.1 75.1

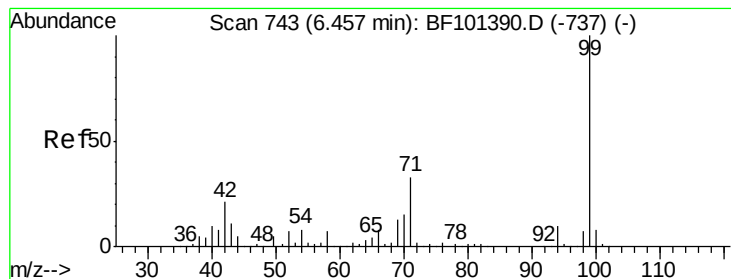


#5

2-Fluorophenol
 Concen: 26.836 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF101902.D
 Acq: 4 Jan 2018 20:22

Tgt Ion:112 Resp: 210944
 Ion Ratio Lower Upper
 112 100
 64 62.0 47.9 71.9
 63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 25.464 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-C

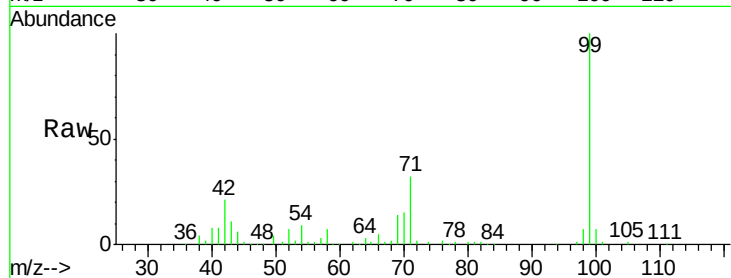
Tot Ion: 99 Resp: 249105

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

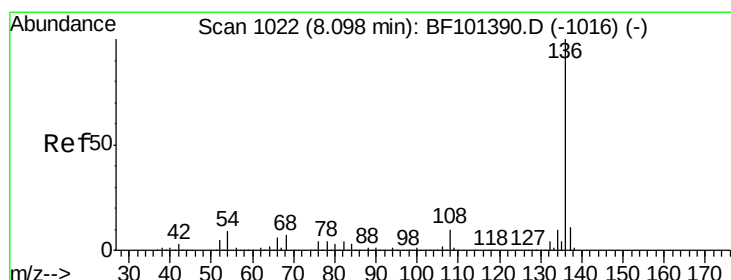
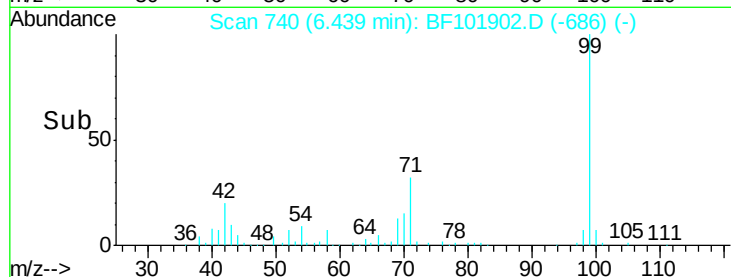
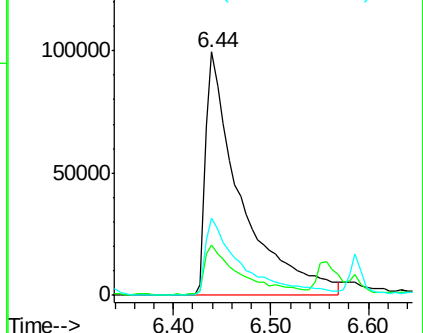
71 31.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

Tgt Ion: 136 Resp: 420441

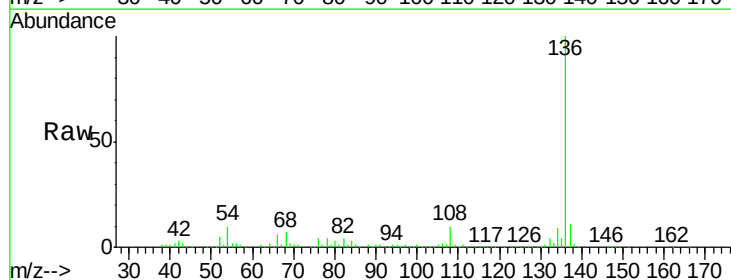
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.8 6.6 9.8

68 7.1 5.0 7.4

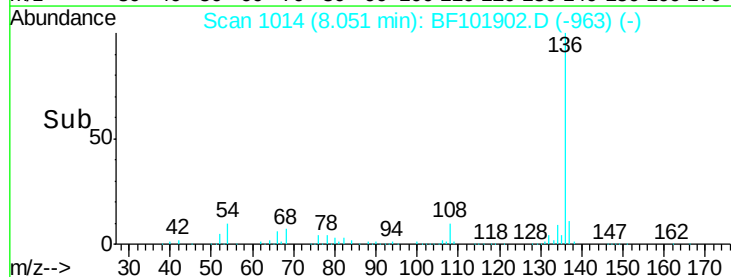
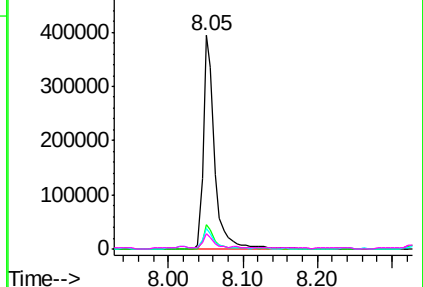


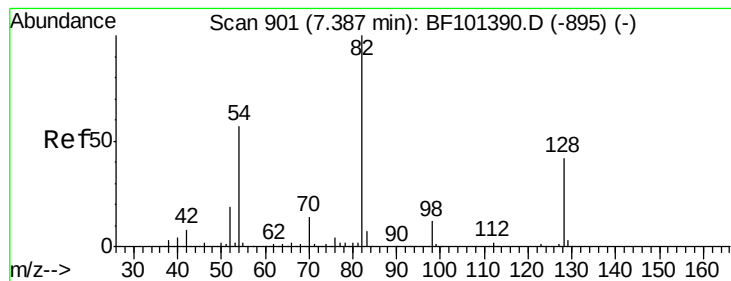
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 19.468 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-C

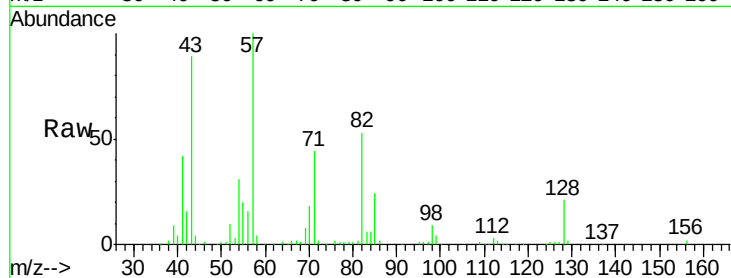
Tot Ion: 82 Resp: 147042

Ion Ratio Lower Upper

82 100

128 39.1 36.1 54.1

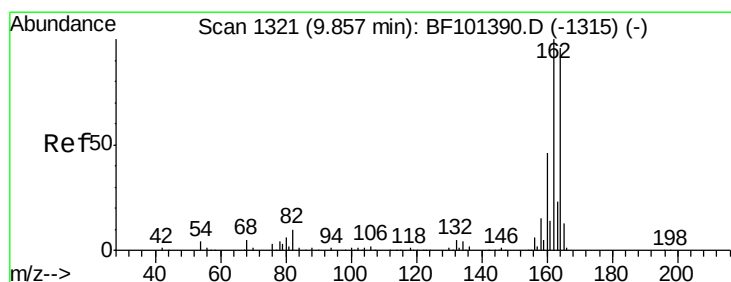
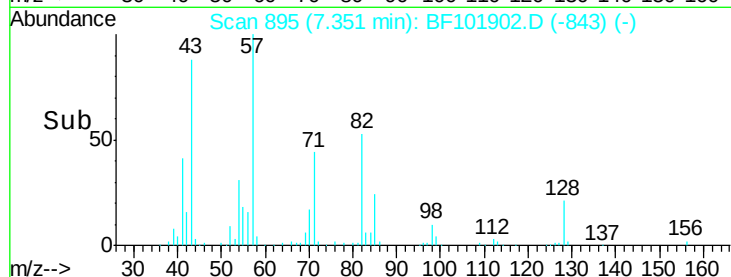
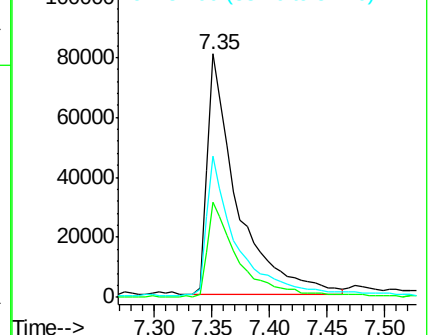
54 58.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

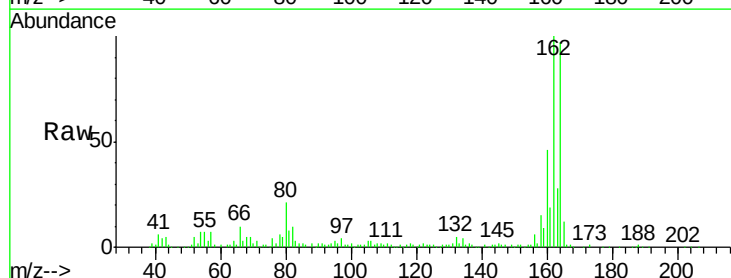
Tgt Ion:164 Resp: 149644

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

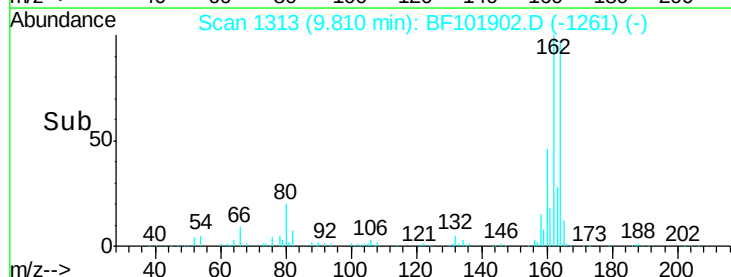
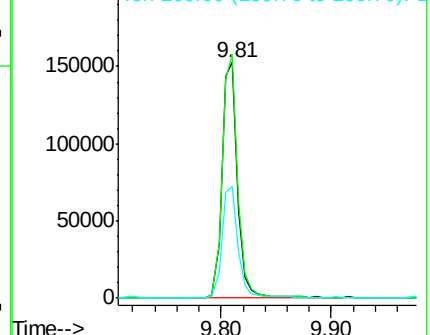
160 47.5 38.3 57.5

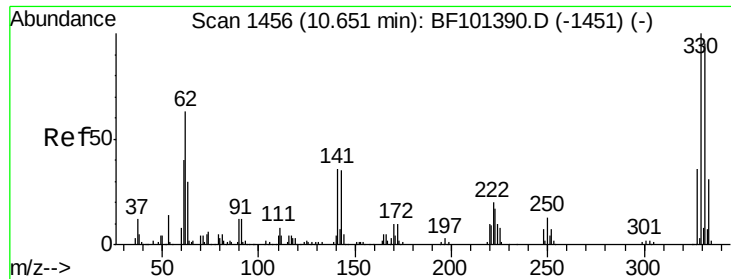


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

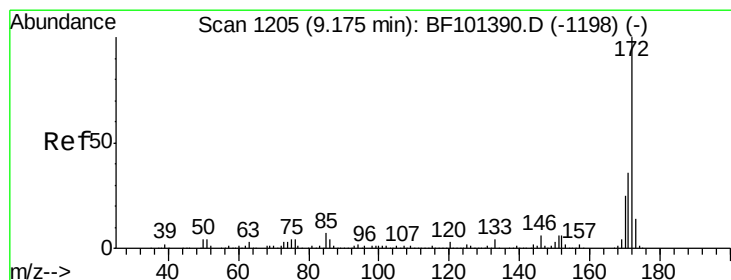
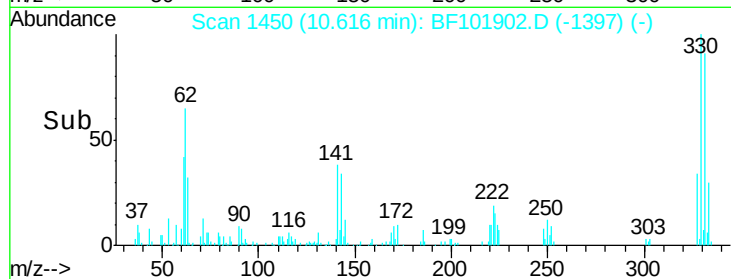
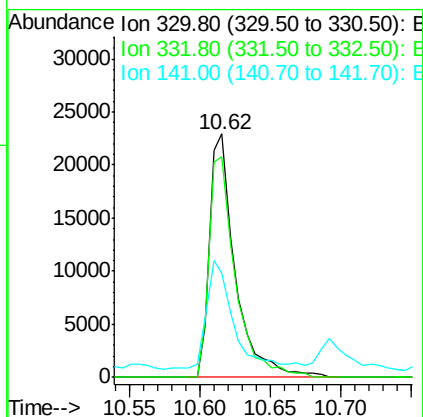
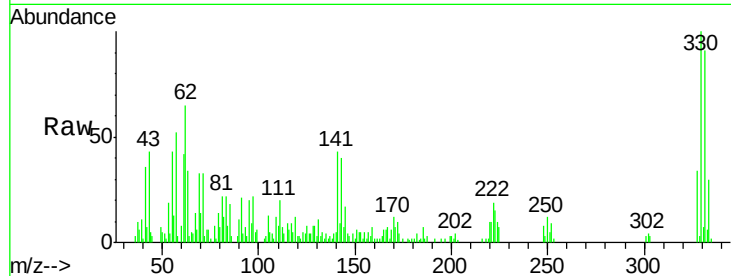




#41
 2,4,6-Tribromophenol
 Concen: 20.040 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF101902.D
 Acq: 4 Jan 2018 20:22

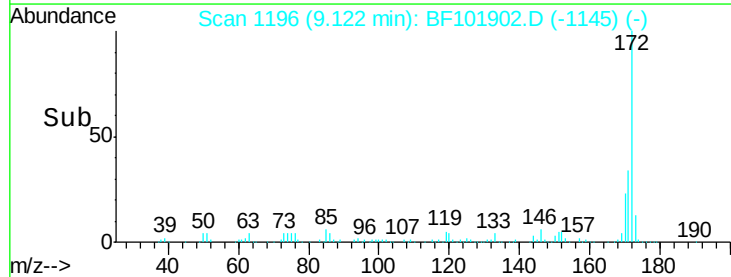
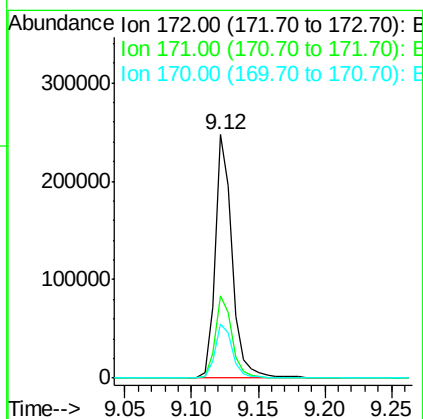
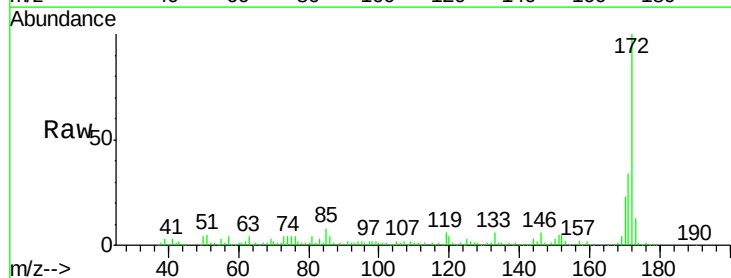
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 JC-03-010318-C

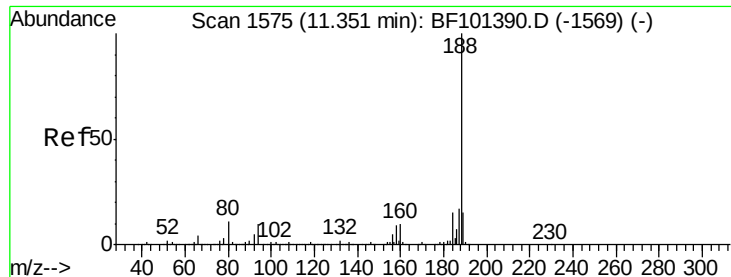
Tot Ion:330 Resp: 28897
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.0 115.6
 141 47.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 22.994 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF101902.D
 Acq: 4 Jan 2018 20:22

Tgt Ion:172 Resp: 221815
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.7 44.5
 170 22.5 19.6 29.4

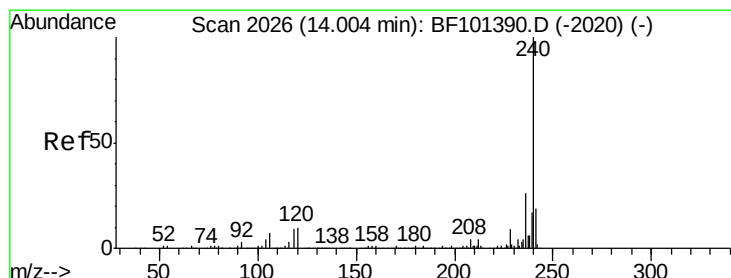
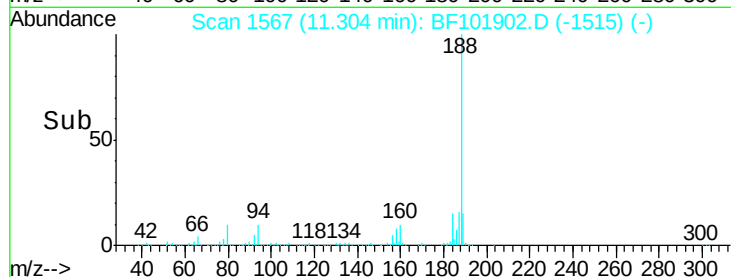
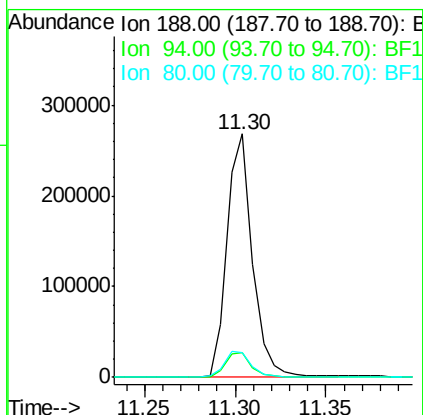
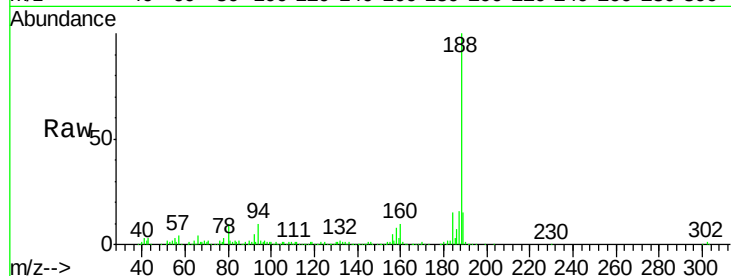




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101902.D
Acq: 4 Jan 2018 20:22

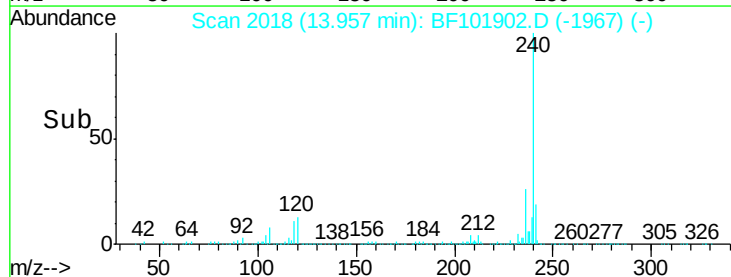
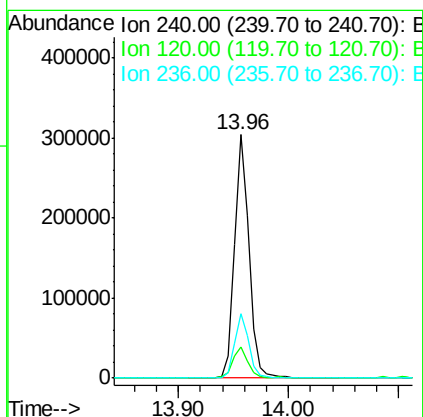
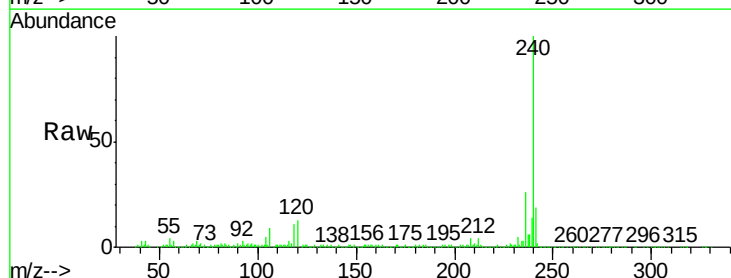
Instrument :
BNA_F
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JC-03-010318-C

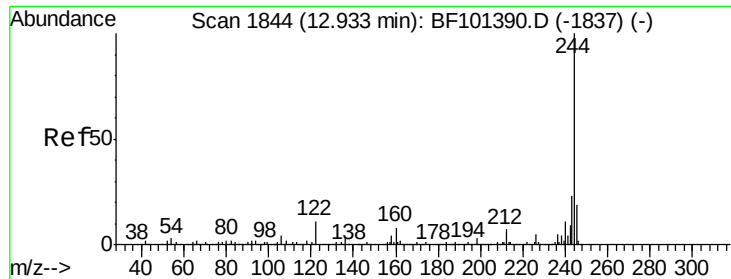
Tot Ion:188 Resp: 263232
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101902.D
Acq: 4 Jan 2018 20:22

Tgt Ion:240 Resp: 281967
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 26.2 20.7 31.1

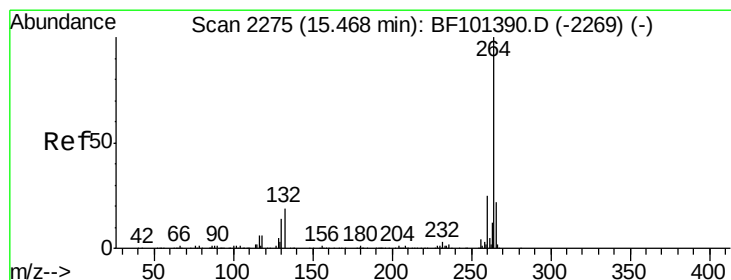
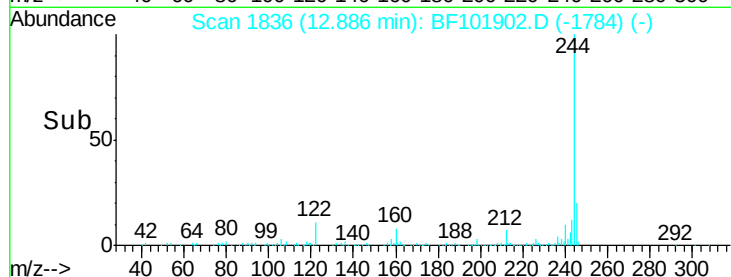
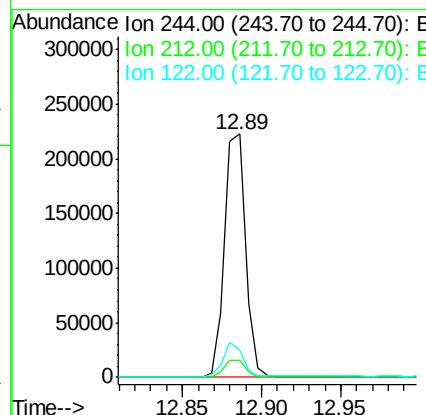
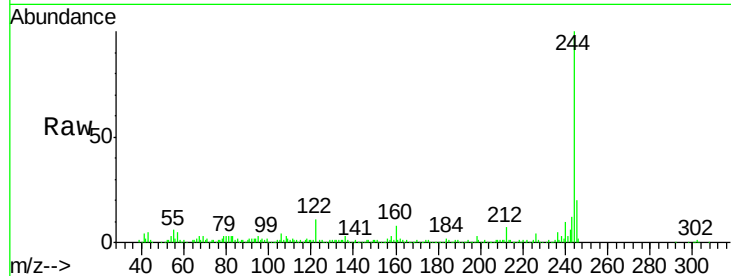




#78
 Terphenyl-d14
 Concen: 17.584 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: BF101902.D
 Acq: 4 Jan 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-C

Tot Ion:244 Resp: 205670
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF101902.D
 Acq: 4 Jan 2018 20:22

Tgt Ion:264 Resp: 200285
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.8 17.5 26.3

